



11-17-04

PATENTS  
112056-0036  
P01-1433

2135\$  
JFR

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of:  
Robert M. English et al.

Serial No.: 10/035,603

Filed: December 28, 2001

For: CORRECTING MULTIPLE BLOCK  
DATA LOSS IN A STORAGE AR-  
RAY USING A COMBINATION  
OF A SINGLE DIAGONAL PAR-  
ITY GROUP AND MULTIPLE  
ROW PARITY GROUPS

Examiner: Kerveros, James C.

Art Unit: 2135

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
November 16, 2004

**EXPRESS-MAIL DEPOSIT**

"Express Mail" Mailing-Label Number: EV 335591831 US

The following papers are being deposited with the United States Postal Service  
"Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

X Fee Transmittal Letter  
X Return Request Postcard

X Check No. 29542 for \$1,280  
X Response to Office Action

NOV 16 2004  
PATENT & TRADEMARK OFFICE

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims Small Entity Status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,280

## Complete if Known

Application Number 10/035,603  
Filing Date December 28, 2001  
First Named Inventor Robert M. English et al.  
Examiner Name Kerveros, James C.  
Group Art Unit 2135  
Attorney Docket No. 112056-0036

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money ☐ Other ☐ None  
☒ Deposit Account Order  
Deposit Account Number 03-1237  
Deposit Account Name Cesari and McKenna, LLP

The Commissioner is authorized to: (check all that apply)

Charge any deficiency or  
☐ Charge fee indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity/Small Entity				Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)				(\$)	0

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims						
59	- 27**	= 32	x 18	= 576		
Independent Claims	15	- 7**	= 8	x 88	= 704	
Multiple Dependent						0

Large Entity/Small Entity				Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)				(\$)	1,280

\*\*or number previously paid, if greater; For Reissues, see below

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity/Small Entity				Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English Specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920	1804	920	Requesting publication of SIR prior to Examiner action	
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility Issue fee (or reissue)	
1502	490	2502	245	Design Issue fee	
1503	660	2503	330	Plant Issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

Other fee (specify)

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type) A. Sidney Johnston Registration No. 29,548 Telephone (617) 951-2500  
Signature [Signature] (Attorney/Agent) Date November 16, 2004



PATENTS  
112056-0036  
P01-1433

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT TRANSMITTAL LETTER**

Sir:

Transmitted herewith for filing in the Patent Application of

Inventor(s): Robert M. English et al.

For: CORRECTING MULTIPLE BLOCK DATA LOSS IN A  
STORAGE ARRAY USING A COMBINATION OF A  
SINGLE DIAGONAL PARITY GROUP AND  
MULTIPLE ROW PARITY GROUPS

Serial No.: 10/035,603

Filed: December 28, 2001

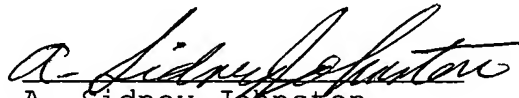
are the following papers:

- ☒ A response to the Office action dated August 25, 2004
- ☐ A petition for extension of time and check for \$
- ☒ A check for \$1280 to cover the fee for additional claims  
resulting from the response. The fee is calculated  
as follows:

Total Claims Remaining after  
Amendment:.....59  
Less Highest Number of Total Claims  
Previously Paid for:.....27  
  
Difference.....32 × \$ 18 = \$ 576  
  
Independent Claims Remaining  
after Amendment.....15  
Less Highest Number of Independent  
Claims Previously Paid for.....7  
  
Difference.....8 × \$ 88 = \$ 704  
  
Multiple-Dependent-Claim Fee Required  
after Amendment and Not Previously Paid..... \$ 0  
  
Total of Above Calculations..... \$ 1280  
Less Reduction for Small Entity ..... \$ 0  
  
Total Due ..... \$ 1280

The Commissioner is hereby authorized to charge any  
other fees under 37 C.F.R. §§1.16 and 1.17 that may be required,  
or credit any overpayment, to our Deposit Account No. 03-1237.

Respectfully submitted,

  
A. Sidney Johnston  
Reg. No. 19,548  
CESARI AND MCKENNA, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
(617) 951-2500



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November 16, 2004

“Express Mail” Mailing-Label Number: EV 335591831 US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

AMENDMENT

This Amendment is filed in response to the Office Action mailed on August 25,  
2004. All objections and rejections are respectfully traversed.

11/19/2004 SDENBOB1 00000045 10035603

01 FC:1202  
02 FC:1201

576.00 OP  
704.00 OP